

IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/889,182B

DATE: 08/31/2004

TIME: 13:51:20

Input Set : A:\4121-126_third_submission.ST25.txt

Output Set: N:\CRF4\08312004\I889182B.raw

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3 <110> APPLICANT: Breitling, Frank
                                        Poustka, Annemarie
                                        Moldenhauer, Gerhard
                 7 <120> TITLE OF INVENTION: SELECTION OF MONOCLONAL ANTIBODIES
                 9 <130> FILE REFERENCE: 4121-126
              11 <140> CURRENT APPLICATION NUMBER: US 09/889,182B
C--> 12 <141> CURRENT FILING DATE: 2002-01-10
              14 <150> PRIOR APPLICATION NUMBER: PCT/DE00/00079
              15 <151> PRIOR FILING DATE: 2000-01-11
              17 <160> NUMBER OF SEQ ID NOS: 8
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              22 <211> LENGTH: 5732
              23 <212> TYPE: DNA
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Input Set : A:\4121-126_third_submission.ST25.txt Output Set: N:\CRF4\08312004\1889182B.raw

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75	d1++	Clu	Thr.	acc	mba	gag	gcc	gtg	gac	gcc	gcc	acc	gcg	gag	aag	gtg	964
77	СТУ	GIU	TIIT	Thr	65	GIU	Ala	val	Asp		Ala	Thr	Ala	GIU	_	Val	
	tta	222	caa	tac		22+	a = a	220	~~~	70 ~t~	~~~	~~~	~~~		75		
80	Phe	Lve	Gln	Tyr	MI a	Acn	Man	\an	999	yuu wal	yac	gge	gag	tgg	act	tac m	1012
81	1 110	117.0	0111	80	лια	PDII	лър	Abii	85	vai	Asp	СТУ	GIU	90	1111	TYL	
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95	gcc	acc	gcg	gag	aag	gtg	ttc	aaa	caa	tac	gct	aat	gac	aac	ggg	gtc	1204
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109	лια	190		у Сту	GII	MSI.	195		Ser	. GIII	. THE	200		Pro	ser	Ala	
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362	gtg	gata	gcg	gttt	gact	ca c	gggg	attt	c ca	agtc	tcca	ccc	catt	gac	atca	atggga	480
364	gtt	tgtt	ttg	gcac	caaa	at c	aacg	ggac	t tt	ccaa	aatq	tcq	taac	aac	tccq	ccccat	540
366	tga	cgca	aat	gggc	ggta	gg c	gtgt	acgg	t gg	gagg	tcta	tat	aaqc	aqa	actc	tctggc	600
368	taa	ctag	aga	accc	actg	ct t	actg	gctt	a tc	gaaa	ttaa	tac	qact	cac	tata	gggaga	660
370	CCC	aagc	ttg	gtac	cggt	gc g	atg	gca	CCC	tgc	atg	ctg	ctc	ctq	ctq	tta	711
371								Ala									
372							1				5					10	
374	gcg	gcc	gcc	ctg	gcc	ccg	act	cag	acc	cgc	gcg	ggg	gcc	caa	aaq	gag	759
375	Ala	Ala	Ala	Leu	Ala	Pro	Thr	Gln	Thr	Arg	Ala	Gly	Āla	Gln	Lys	Glu	
376					15					20					25		
378	aag	acc	CCC	gag	gag	CCC	aag	gag	gag	gtg	acc	atc	aag	gcc	aac	ctq	807
379	Lys	Thr	Pro	Glu	Glu	Pro	Lys	Glu	Glu	Val	Thr	Ile	Lys	Ala	Asn	Leu	
380				30					35					40			
382	atc	tac	gcc	gac	ggc	aag	acc	cag	acc	gcc	gag	ttc	aag	ggc	acc	ttc	855
383	Ile	Tyr	Ala	Asp	Gly	Lys	Thr	Gln	Thr	Ala	Glu	Phe	Lys	Gly	Thr	Phe	
384			45					50					55				
386	gag	gag	gcc	acc	gcg	gag	gcc	tac	cgc	tac	gcc	gac	gcc	ctg	aag	aag	903
387	Glu	Glu	Ala	Thr	Ala	Glu	Ala	Tyr	Arg	Tyr	Ala	Asp	Ala	Leu	Lys	Lys	
388		60					65					70				_	
390	gac	aac	ggc	gag	tac	acc	gtg	gac	gtg	gcc	gac	aag	ggc	tac	acc	ctg	951
391	Asp	Asn	Gly	${ t Glu}$	Tyr	Thr	Val	Asp	Val	Ala	Asp	Lys	Gly	Tyr	Thr	Leu	
392						80					85					90	
394	aaç	atc	aag	ttc	gcc	ggc	aag	gag	aag	acc	CCC	gag	gag	CCC	aag	gag	999
395	Asn	Ile	Lys	Phe	Ala	Gly	Lys	Glu	Lys	Thr	Pro	Glu	Glu	Pro	Lys	Glu	
396					95					100					105		
398	gag	gtg	acc	atc	aag	gcc	aac	ctg	atc	tac	gcc	gac	ggc	aag	acc	caq	1047
399	Glu	Val	Thr	Ile	Lys	Ala	Asn	Leu	Ile	Tyr	Ala	Asp	Gly	Lys	Thr	Gln	
400				110					115					120			
402	acc	gcc	gag	ttc	aag	ggc	acc	ttc	gag	gag	gcc	acc	qcq	gag	qcc	tac	1095
4 03	Thr	Ala	Glu	Phe	Lys	Gly	Thr	Phe	Glu	Glu	Ala	Thr	Ālā	Glu	Āla	Tyr	
404			125					130					135			_	
406	cgc	tac	gcc	gac	gcc	ctg	aag	aag	gac	aac	ggc	gaq	tac	acc	qta	qac	1143
407	Arg	Tyr	Ala	Asp	Ala	Leu	Lys	Lys	Asp	Asn	Gly	Glu	Tyr	Thr	Val	Asp	
408		140					145	-	-		-	150	-			-	
410	gtg	gcc	gac	aag	ggc	tac	acc	ctg	aac	atc	aaq		qcc	gac	aaσ	gag	1191
								~			_		~	- ر ر			- -

VERIFICATION SUMMARY

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DATE: 08/31/2004 PATENT APPLICATION: US/09/889,182B TIME: 13:51:21

Input Set : A:\4121-126_third_submission.ST25.txt

Output Set: N:\CRF4\08312004\1889182B.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date